Work Order ID 46430

June 26, 2009 11:41:11 AM

Item ID:

D2332-041

Revision ID:

C1

Item Name:

Start Date:

15/07/2009

Start Qty: 12.00 Required Date: 03/08/2009

Lid Prop Assembly 6.69" long

Req'd Qty: 12.00

Reference:

Approvals:

Process Plan:

QC:

Operation Description **Revision Nbr**

Draw Nbr D2332

Sequence ID/

Work Center ID

Rev C1

100

Small Fab

Small Fab

110

Brake NC

Brake NC

Accept



Setup Start

Stop



Cust Item ID:

Customer:

Date:

Date:

Run

Start

Stop

Reject Insp.

Draw Number Draw Rev.

Plan Code

Accept Qty

Reject Qty

Number

Stamp

0.00

0.00

Tooling:

SPC (Y/N):

Set Up/

Run Hours

Date:

Date:

1- Cut D2332-7 and D2332-5 to lenght as per dwg D2332.

2- Cut D2332-11 using 1/2" S.S tubing 7.735" long.

3- Deburr.

Memo

0.00

Memo

0.00

Punch and form D2332-11 to lenght as per dwg D2332 using DT8012

(need 2 per ass'y)

o within

: LID PRO ARM ASSEMBLY (SHORT)

Wednesday, 11/03/2009 12:58:45 PM

User:

Julie Dawson

Process Sheet

Customer

: CU-DAR001 Dart Helicopters Services

Job Number **Estimate Number**

: 46430 : 10258

P.O. Number

This Issue

: 11/03/2009 : NC

Prsht Rev. First Issue

Previous Run

: // : 45682 Type

S.O. No. :

: SMALL /MED FAB

Part Number

Drawing Name

: D2332041 : D2332

Drawing Number Project Number

: C **Drawing Revision**

Material

Due Date : 30/03/2009

: N/A

Each

Written By

Checked & Approved By

Comment : Est:

Re-format; Incorporated D2332-13/-11/-7/-5 KJ/

RF

Est Rev:C 08-06-02 add comment DD verified by:EC

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0

M304TR1000WO49

304 RD Tube 1.00 x .049W



Comment: Qty.: 0.4331 f(s)/Unit Total: 5.1975 f(s)

Material: 1.000" OD x 0.049" wall SS Tube (Seamless)

2.0

304 SS Round bar .250



Comment: Qty.:

0.1092 f(s)/Unit

1.3104 f(s)

Material: Ø0.250" 304SS F

1107139

3.0

4.0

SMALL FAB 1

SMALL & MEDIUM FAB RESOURCE 1







Comment: SMALL & MEDIUM FAB RESOURCE 1

1-Cut to length as per Dwg D2332 (D2332-7) Locking Collar

2-Cut to length as per Dwg D2332 (D2332-5) Stop Pin

Spog 105/2



3-Deburr

M304TR0500W035

304 RD Tube .500 x .035W



1.2502 f(s)/Unit Total:

304 RD Tube .500 x .035W

15.0024 f(s)

M110113

Page 1

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W/O:		WORK ORDER CHANGES								
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
					-					
		•								
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	Δ:	Date:				

NCR:	WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC	Corrective Action Section B		Verification		A	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
		•						
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NOTE: Date & initial all entries

Date: Wednesday, 11/03/2009 12:58:45 PM User: Julie Dawson **Process Sheet** Drawing Name: LID PRO ARM ASSEMBLY (SHORT) Customer: CU-DAR001 Dart Helicopters Services Job Number: 46430 Part Number: D2332041 Job Number: Seq. #: **Machine Or Operation:** Description: NC BRAKE BRAKE NC 5.0 Comment: NC BRAKE Punch or form to length as per Dwg D2332 (D2332-11) using DT8012 St 09/01/12 1 (Note: Make (2) D2332-11 Prop Arms per assembly.) 6.0 SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 Comment: SMALL & MEDIUM FAB RESOURCE 1 1-Drill hole in D2332-11 as per Dwg D2332 using Drill Jig DT8459. (Drill 1 per assembly) 2-ensure no foreign objects inside fo tube and deburr 7.0 QC5 Comment: INSPECT WORK TO CURRENT STEP LARGE FAB 1 8.0 LARGE FABRICATION RESOURCE 1 Comment: LARGE FABRICATION RESOURCE 1 1-Weld D2332-11 and D2332-5 as per Dwg D2332 using Welding Jig DT8298. (Weld 1 per assembly) ****** insure nothing is inside of tube before welding****** SS Rod Batch: MIOS775 ******brush weld right after welding, to take color off ***** VISUAL WELDING INSPECTION QC9 9.0 Comment: VISUAL WELDING INSPECTION 10.0 QC5 INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 11.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 B 9-6-24 1-Tumble Epogloc/29 2-Assemble as per Dwg D2332

Page 2

Dart	Aeros	pace	Ltd
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W/O:			WO	RK ORDER CHANG	SES				· ·
DATE	STEP	PRO	OCEDURE CHAP	IGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
						775.3			
				<i>ķ</i>					
Part No	:	PAR #:	Fault Categ	jory:	_ NCR: Yes	No DQ	A:	Date:	
	Re	solution:	Disposition	:	QA: N/C Closed: Date:				
NCR:			WORK ORDE	ER NON-CONFORM	ANCE (NCF	R)			
DATE	STEP	Description of NC		rification Approval		Approval			
	0.2.	Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date	Sect	ion C	Chief Eng	QC Inspector

NOTE: Date & initial all entries

Date: Wednesday, 11/03/2009 12:58:45 PM User: Julie Dawson **Process Sheet** Drawing Name: LID PRO ARM ASSEMBLY (SHORT) Customer: CU-DAR001 Dart Helicopters Services Job Number: 46430 Part Number: D2332041 Job Number: Seq. #: Description: **Machine Or Operation:** Bolt 12.0 AN44A Comment: Qty.: 1.0000 Each(s)/Unit Total: 12.0000 Each(s) Pick: Batch /1/08/38 Description Qty Part Number Bolt AN4-4A 13.0 AN960JD416L Washer 36.0000 Each(s) Comment: Qty.: 3.0000 Each(s)/Unit Total: Pick: Batch 7(10153 Qtv Part Number Description 3 AN960JD416L Washer 14.0 MS21042L4 Comment: Qty.: 1.0000 Each(s)/Unit Total: 12.0000 Each(s) Pick: Description Qty Part Number MS21042L4 Nut (or -4) 15.0 Comment: INSPECT WORK TO CURRENT STEP PACKAGING 1 PACKAGING RESOURCE #1 16.0 Comment: PACKAGING RESOURCE #1 Identify and Stock Location: QC21 FINAL INSPECTION/W/O RELEASE 17.0 Comment: FINAL INSPECTION/W/O RELEASE Job Completion

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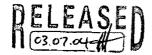
	•								
W/O:			WO	RK ORDER CHANG	ES				•
DATE STEP		PROCEDURE CHANGE			Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
· · · · · · · · · · · · · · · · · · ·									
Part No	:	PAR #:	Fault Categ	ory:	NCR: Yes	No DQ	A:	Date:	
Resolution:			Disposition	Disposition: QA: N		A: N/C Closed:			
NCR:			WORK ORDE	R NON-CONFORMA	NCE (NCF	₹)			
DATE	STEP	Description of NC	Description of NC Corrective Action		ection B Verifica			ion Approval	Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Sign 8 Date		ion C	Chief Eng	QC Inspector
									1
								:	

NOTE: Date & initial all entries





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ij	CHEC	(ED)	APPROVED	DRAWING NO. REV. C
		4	#	D2332 SHEET 1 OF 2
	DATE			TITLE SCALE
	03.0	7.03		LOD PROP ASSEMBLY NTS
	Α		94.12.16	NEW ISSUE
	В		97.09.30	CHANGE 416 WASHERS TO 416L
	O		03.07.03	MAKE -041 PROP 6.69" LONG (STD) MAKE -043 PROP 8.00" LONG (OPT.)
	CI	#4	03 08.06	ADD - 045 PEOP (7.25" LONG)



D2332-11 (USE D2332-1 ON -043) LUSE 02332-21 ON -045)/ci D2332-13 (USE D2332-3 ON -043) (USE D2332-23 ON -045) D2332-7 AN4-4A BOLT (1) AN960JD416L WASHERS (3)

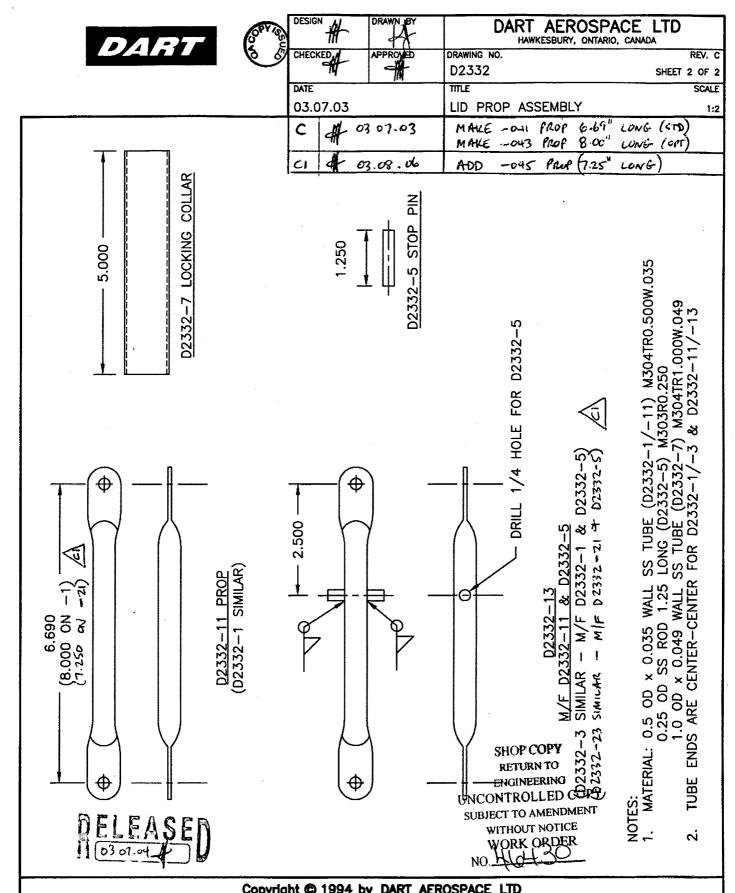
> D2332-041 SHOWN (D2332-043 SIMILAR) (D2332-045 SIMILAR)

MS21042L4 NUT (1)

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